

# La Costa Town Square

## Draft Environmental Impact Report

SCH #2003041159



Prepared for:

City of Carlsbad  
Planning Department  
1635 Faraday Avenue  
Carlsbad, CA 92008-7314

Prepared by:

EDAW, Inc.  
1420 Kettner Blvd.  
Suite 500  
San Diego, CA 92101

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## TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
LIST OF ACRONYMS AND ABBREVIATIONS .....	xi
CHAPTER 1.0 – INTRODUCTION .....	1-1
1.1    Legal Requirements .....	1-1
1.2    Purpose of the Draft EIR.....	1-2
1.3    Background.....	1-2
1.4    Availability of Reports .....	1-3
1.5    Comments Requested.....	1-4
1.6    Structure of this EIR.....	1-4
CHAPTER 2.0 – EXECUTIVE SUMMARY .....	2-1
2.1    The Project .....	2-1
2.2    Project Characteristics.....	2-1
2.3    Project Location .....	2-2
2.4    Environmental Impacts.....	2-2
2.5    Potential Areas of Controversy.....	2-4
2.6    Alternatives to the Proposed Project.....	2-6
CHAPTER 3.0 – PROJECT DESCRIPTION.....	3-1
3.1    Project Site Location and Description.....	3-1
3.2    Project Background .....	3-1
3.3    Project Characteristics.....	3-2
3.4    Master Tentative Parcel Map .....	3-3
3.5    Landscape Concept.....	3-8
3.6    Open Space .....	3-8
3.7    Detention Basins/Biological Swales .....	3-8
3.8    Grading/Hillside Development Permit .....	3-8
3.9    Building Height .....	3-9
3.10    Public Services .....	3-9
3.11    Cultural Resources Consultation .....	3-10
3.12    Project Objectives .....	3-10
3.13    Intended Uses of the EIR .....	3-12

*Table of Contents*

---

3.14 Subsequent Discretionary Approvals.....	3-14
3.15 Discretionary Actions and Approvals by Other Agencies .....	3-14
3.16 Lead, Responsible, and Trustee Agencies.....	3-16
CHAPTER 4.0 – ENVIRONMENTAL SETTING .....	4-1
CHAPTER 5.0 – ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES .....	5-1
5.1 Land Use and Planning.....	5.1-1
5.2 Transportation/Circulation .....	5.2-1
5.3 Air Quality.....	5.3-1
5.4 Noise.....	5.4-1
5.5 Paleontological Resources.....	5.5-1
5.6 Biological Resources.....	5.6-1
5.7 Hydrology/Water Quality .....	5.7-1
5.8 Geology and Soils.....	5.8-1
5.9 Hazards .....	5.9-1
5.10 Visual Aesthetics/Grading .....	5.10-1
5.11 Public Services and Utilities .....	5.11-1
CHAPTER 6.0 – ANALYSIS OF LONG-TERM EFFECTS .....	6-1
6.1 Cumulative Impacts.....	6-1
6.2 Global Climate Change .....	6-9
6.3 Growth-Inducing Impacts.....	6-30
6.4 Significant Irreversible Environmental Changes.....	6-32
6.5 Unavoidable Significant Environmental Impacts.....	6-32
6.6 Effects Not Found To Be Significant.....	6-33
CHAPTER 7.0 – ALTERNATIVES.....	7-1
7.1 Alternative 1 – No Project: No Development Alternative .....	7-6
7.2 Alternative 2 – No Project: Existing General Plan, Existing Master Plan, and HCP Alternative .....	7-7
7.3 Alternative 3 – Biological Open Space Alternative/Environmentally Superior Alternative .....	7-12

CHAPTER 8.0 – REFERENCES .....	8-1
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## APPENDICES

Appendix A	Notice of Preparation and Initial Study
Appendix B	Traffic Impact Analysis for La Costa Town Square
Appendix C	Air Quality Calculations
Appendix D	Environmental Noise Assessment
Appendix E	Paleontological Resource Assessment
Appendix F	Biological Technical Studies
Appendix G	Hydrology Study
Appendix H	Storm Water Management Plans
Appendix I	Geotechnical Reports
Appendix J	Dam Inundation Analysis
Appendix K	Economic Impact Report
Appendix L	Water Service
Appendix M	Sewer Service

## LIST OF FIGURES

<u>Figure</u>	<u>Page</u>	
2.0-1	Regional Location and Local Vicinity.....	2-3
3.0-1	Tentative Parcel Map .....	3-4
3.0-2	Project Site Development Plan .....	3-5
5.1-1	Existing General Plan Land Use Designations .....	5.1-3
5.1-2	Local Facilities Management Zone 11 .....	5.1-5
5.1-3a	Existing General Plan, Master Plan, and LFMP Zone Amendments.....	5.1-10
5.1-3b	Proposed General Plan, Master Plan, and LFMP Zone Amendments .....	5.1-11
5.2-1	Existing Average Daily Traffic.....	5.2-2
5.2-2	Existing Roadway Classifications .....	5.2-4
5.2-3	Project Intersection Key .....	5.2-9

**LIST OF FIGURES**  
**(Continued)**

<b><u>Figure</u></b>		<b><u>Page</u></b>
5.2-4a	Existing Intersection Lane Configurations.....	5.2-10
5.2-4b	Existing Intersection Lane Configurations.....	5.2-11
5.2-4c	Existing Intersection Lane Configurations.....	5.2-12
5.2-4d	Existing Intersection Lane Configurations.....	5.2-13
5.2-4e	Existing Intersection Lane Configurations.....	5.2-14
5.2-4f	Existing Intersection Lane Configurations.....	5.2-15
5.2-5a	Existing AM/PM Peak Hour Traffic .....	5.2-16
5.2-5b	Existing AM/PM Peak Hour Traffic .....	5.2-17
5.2-5c	Existing AM/PM Peak Hour Traffic .....	5.2-18
5.2-5d	Existing AM/PM Peak Hour Traffic .....	5.2-19
5.2-5e	Existing AM/PM Peak Hour Traffic .....	5.2-20
5.2-5f	Existing AM/PM Peak Hour Traffic .....	5.2-21
5.2-6	Local Street Classifications in the Project Area .....	5.2-25
5.2-7	Local Street Existing Average Daily Traffic .....	5.2-26
5.2-8	Project Trip Distribution Percentages.....	5.2-31
5.2-9	Project Driveway Trip Distribution Percentages.....	5.2-32
5.2-10	Project Only Average Daily Traffic Volumes.....	5.2-33
5.2-11a	Project Only AM/PM Peak Hour Traffic.....	5.2-34
5.2-11b	Project Only AM/PM Peak Hour Traffic.....	5.2-35
5.2-11c	Project Only AM/PM Peak Hour Traffic.....	5.2-36
5.2-11d	Project Only AM/PM Peak Hour Traffic.....	5.2-37
5.2-11e	Project Only AM/PM Peak Hour Traffic.....	5.2-38
5.2-11f	Project Only AM/PM Peak Hour Traffic.....	5.2-39
5.2-12	Existing + Project Average Daily Traffic .....	5.2-41
5.2-13a	Existing + Project AM/PM Peak Hour Traffic .....	5.2-46
5.2-13b	Existing + Project AM/PM Peak Hour Traffic .....	5.2-47
5.2-13c	Existing + Project AM/PM Peak Hour Traffic .....	5.2-48
5.2-13d	Existing + Project AM/PM Peak Hour Traffic .....	5.2-49
5.2-13e	Existing + Project AM/PM Peak Hour Traffic .....	5.2-50

LIST OF FIGURES  
(Continued)

<u>Figure</u>		<u>Page</u>
5.2-13f	Existing + Project AM/PM Peak Hour Traffic .....	5.2-51
5.2-14	Local Street Project Only Directional Trip Distribution Percentages.....	5.2-54
5.2-15	Local Street Project Only Average Daily Traffic .....	5.2-55
5.2-16	Local Street Existing + Project Average Daily Traffic.....	5.2-56
5.2-17	Year 2010 Average Daily Traffic With Project.....	5.2-59
5.2-18a	Year 2010 Without Project AM /PM Peak Hour Traffic .....	5.2-65
5.2-18b	Year 2010 Without Project AM /PM Peak Hour Traffic .....	5.2-66
5.2-18c	Year 2010 Without Project AM /PM Peak Hour Traffic .....	5.2-67
5.2-18d	Year 2010 Without Project AM /PM Peak Hour Traffic .....	5.2-68
5.2-18e	Year 2010 Without Project AM /PM Peak Hour Traffic .....	5.2-69
5.2-18f	Year 2010 Without Project AM /PM Peak Hour Traffic .....	5.2-70
5.2-19a	Year 2010 With Project AM/PM Peak Hour Traffic.....	5.2-71
5.2-19b	Year 2010 With Project AM/PM Peak Hour Traffic.....	5.2-72
5.2-19c	Year 2010 With Project AM/PM Peak Hour Traffic.....	5.2-73
5.2-19d	Year 2010 With Project AM/PM Peak Hour Traffic.....	5.2-74
5.2-19e	Year 2010 With Project AM/PM Peak Hour Traffic.....	5.2-75
5.2-19f	Year 2010 With Project AM/PM Peak Hour Traffic.....	5.2-76
5.2-20a	Year 2010 Lane Configurations.....	5.2-77
5.2-20b	Year 2010 Lane Configurations.....	5.2-78
5.2-20c	Year 2010 Lane Configurations.....	5.2-79
5.2-20d	Year 2010 Lane Configurations.....	5.2-80
5.2-20e	Year 2010 Lane Configurations.....	5.2-81
5.2-20f	Year 2010 Lane Configurations.....	5.2-82
5.2-21	Year 2030 With Project AM/PM Peak Hour Traffic.....	5.2-86
5.2-22a	Year 2030 Without Project AM/PM Peak Hour Traffic .....	5.2-92
5.2-22b	Year 2030 Without Project AM/PM Peak Hour Traffic .....	5.2-93
5.2-22c	Year 2030 Without Project AM/PM Peak Hour Traffic .....	5.2-94
5.2-22d	Year 2030 Without Project AM/PM Peak Hour Traffic .....	5.2-95
5.2-22e	Year 2030 Without Project AM/PM Peak Hour Traffic .....	5.2-96

**LIST OF FIGURES**  
**(Continued)**

<b><u>Figure</u></b>		<b><u>Page</u></b>
5.2-22f	Year 2030 Without Project AM/PM Peak Hour Traffic .....	5.2-97
5.2-23a	Year 2030 With Project AM/PM Peak Hour Traffic.....	5.2-98
5.2-23b	Year 2030 With Project AM/PM Peak Hour Traffic.....	5.2-99
5.2-23c	Year 2030 With Project AM/PM Peak Hour Traffic.....	5.2-100
5.2-23d	Year 2030 With Project AM/PM Peak Hour Traffic.....	5.2-101
5.2-23e	Year 2030 With Project AM/PM Peak Hour Traffic.....	5.2-102
5.2-23f	Year 2030 With Project AM/PM Peak Hour Traffic.....	5.2-103
5.2-24a	Year 2030 Lane Configurations.....	5.2-104
5.2-24b	Year 2030 Lane Configurations.....	5.2-105
5.2-24c	Year 2030 Lane Configurations.....	5.2-106
5.2-24d	Year 2030 Lane Configurations.....	5.2-107
5.2-24e	Year 2030 Lane Configurations.....	5.2-108
5.2-24f	Year 2030 Lane Configurations.....	5.2-109
5.2-25	Local Street Year 2030 Without Project Average Daily Traffic.....	5.2-115
5.2-26	Local Street Year 2030 With Project Average Daily Traffic .....	5.2-117
5.2-27	La Costa Avenue/Levante Street/Rancho Santa Fe Road Year 2030 Lane Configurations and Peak Hour Traffic.....	5.2-120
5.2-28	Conceptual Striping Layout at La Costa Avenue/Levante Street/Rancho Santa Fe Road (Without Split Phase Signal EB/WB).....	5.2-121
5.2-29	Conceptual Striping Layout at La Costa Avenue/Levante Street/Rancho Santa Fe Road (With Split Phase Signal Option) .....	5.2-122
5.6-1	Vegetation Communities .....	5.6-3
5.6-2	Sensitive Biological Species .....	5.6-6
5.6-3	Existing Jurisdictional Waters .....	5.6-27
5.6-4	HCP Preserve Areas .....	5.6-35
5.9-1	Hazards.....	5.9-5
5.9-2	Potential Blasting Area .....	5.9-11
5.9-3	Rock Crushing Area.....	5.9-12
5.10-1	Offsite Visual Simulation References .....	5.10-6

LIST OF FIGURES  
(Continued)

<u>Figure</u>		<u>Page</u>
5.10-2	Offsite Visual Simulation (West View, Site 2) .....	5.10-7
5.10-3	Offsite Visual Simulation (Southwest View, Site 8) .....	5.10-9
5.10-4	Offsite Visual Simulation (South View, Site 6).....	5.10-11

LIST OF TABLES

<u>Table</u>		<u>Page</u>
2.0-1	Development Summary .....	2-2
2.0-2	Environmental Impacts and Mitigation Measures .....	2-6
3.0-1	Development Summary .....	3-2
5.2-1	Existing Street Segment Peak Hour Levels of Service Segments within Carlsbad .....	5.2-6
5.2-2	Existing Freeway Segment Levels of Service .....	5.2-7
5.2-3	Existing Street Segment Level of Service Summary - CMP ADT Method CMP Arterials and Roadways Outside Carlsbad .....	5.2-8
5.2-4	Existing Intersection Level of Service Summary - ICU Method Intersections Within Carlsbad .....	5.2-22
5.2-5	Existing Intersection Level of Service Summary - HCM Method Intersections Outside Carlsbad .....	5.2-23
5.2-6	Existing Local Street Segment Levels of Service.....	5.2-27
5.2-7	Project Trip Generation.....	5.2-30
5.2-8	Existing Plus Project Street Segment Peak Hour Levels of Service within Carlsbad .....	5.2-40
5.2-9	Existing Plus Project Freeway Segment Levels of Service Summary.....	5.2-43
5.2-10	Existing Plus Project Street Segment ADT and Levels of Service Summary CMP Arterials and Segments Outside of Carlsbad .....	5.2-44

**LIST OF TABLES**  
**(Continued)**

<u>Table</u>		<u>Page</u>
5.2-11	Existing Plus Project Intersection Levels of Service Summary – ICU Method Intersections Within Carlsbad .....	5.2-52
5.2-12	Existing Plus Project Intersection Levels of Service Summary – HCM Method Intersections Outside Carlsbad .....	5.2-53
5.2-13	Existing Plus Project Local Street Segment Levels of Service .....	5.2-57
5.2-14	Year 2010 With Project Street Segment Peak Hour Levels of Service Segments Within Carlsbad .....	5.2-60
5.2-15	Year 2010 with Project Freeway Segment Levels of Service Summary.....	5.2-61
5.2-16	Year 2010 with Project Street Segment ADT Levels of Service Summary CMP Arterials and Segments Outside of Carlsbad .....	5.2-63
5.2-17	Year 2010 Intersection Levels of Service Summary .....	5.2-83
5.2-18	Year 2030 with Project Street Segment Peak Hour Levels of Service (Segments Within Carlsbad) .....	5.2-87
5.2-19	Year 2030 with Project Freeway Segment Levels of Service Summary.....	5.2-88
5.2-20	Year 2030 with and without Project Street Segment Peak Hour Levels of Service Summary CMP Arterials and Segments Outside Carlsbad.....	5.2-89
5.2-21	Year 2030 Intersection Levels of Service Summary .....	5.2-110
5.2-22	Year 2030 with and without Project Ramp Meter Operations at I-5/La Costa Avenue Interchange .....	5.2-113
5.2-23	Year 2030 with and without Project Ramp Meter Operations at I-5/Leucadia Boulevard Interchange.....	5.2-114
5.2-24	Year 2030 without Project Local Street Segment Levels of Service.....	5.2-116
5.2-25	Year 2030 with Project Local Street Segment Levels of Service .....	5.2-118
5.2-26	Summary of La Costa Traffic Significant or Potentially Significant Impacts...5.2-125	
5.2-27	Summary of La Costa Traffic Significant or Potentially Significant Impacts by Location Over Time .....	5.2-129
5.3-1	San Diego Monitoring Stations - Ambient Air Quality .....	5.3-9
5.3-2	National and California Ambient Air Quality Standards.....	5.3-10
5.3-3	Estimated Annual Construction Emissions (Tons/Year) .....	5.3-24

## LIST OF TABLES (Continued)

<u>Table</u>		<u>Page</u>
5.3-4	Estimated Annual Operational Emissions (Tons/Year).....	5.3-26
5.3-5	CO Screening for a Generalized Local Intersection.....	5.3-28
5.4-1	Typical Noise Levels.....	5.4-2
5.4-2	Measured Noise Levels and Traffic Volumes.....	5.4-4
5.4-3	Typical Construction Equipment Noise Levels.....	5.4-6
5.4-4	Representative Vibration Source Levels for Typical Construction Equipment .....	5.4-9
5.4-5	Reaction of People and Damage to Buildings at Various Continuous <sup>1</sup> Vibration Levels .....	5.4-9
5.4-6	Project-related Offsite Traffic Noise Level Increase (Existing and Existing with Project).....	5.4-13
5.4-7	Year 2010 Offsite Traffic Noise Level Increase (Year 2010 with Project).....	5.4-14
5.4-8	Modeled Noise Levels at Representative Lots .....	5.4-15
5.6-1	Vegetation Communities/Land Cover Types .....	5.6-2
5.6-2	Sensitive Plant Species Observed or with the Potential for Occurrence .....	5.6-11
5.6-3	Sensitive Wildlife Species Known to Occur (or Potentially Occurring) on the Project Site.....	5.6-17
5.6-4	Potential ACOE Impacts.....	5.6-28
5.6-5	DFG Impacts .....	5.6-28
5.6-6	Jurisdiction Mitigation .....	5.6-39
5.7-1	Beneficial Uses of Project Affected Watersheds .....	5.7-3
5.7-2	Runoff to Existing and Proposed Detention Basins .....	5.7-15
5.8-1	Major Faults and Fault Zones .....	5.8-2
5.11-1	Proposed Project Average PoWater Demand .....	5.11-8
5.11-2	Projected Yearly Electrical Power Usage.....	5.11-15
5.11-3	Projected Monthly Natural Gas Usage.....	5.11-16
5.11-4	Encinitas Union Elementary School District School Serving the Project Site..	5.11-21
5.11-5	San Dieguito High School District Schools Serving the Project Site .....	5.11-21
5.11-6	Project Generated Solid Waste .....	5.11-28
6.1-1	Projections for the County of San Diego and the City of Carlsbad .....	6-2

**LIST OF TABLES  
(Continued)**

<b><u>Table</u></b>		<b><u>Page</u></b>
6.2-1	Summary of Modeled Project-Generated, Construction- and Operation-Related Emissions of Greenhouse Gases (Carbon Dioxide Equivalent) .....	6-26
7.0-1	Summary Comparison of Project Alternatives to Proposed Project.....	7-2
7.2-1	Summary Comparison of Alternative 2 - Existing General Plan, Existing Master Plan, and HCP Alternative to Proposed Project .....	7-8
7.3-1	Alternative 3 - Summary Comparison of Environmentally Superior/ Reduced Impact Alternative to Proposed Project.....	7-13

## LIST OF ACRONYMS AND ABBREVIATIONS

AB	Assembly Bill
ACOE	U.S. Army Corp of Engineers
ADT	Average Daily Traffic
AMSL	Above Mean Sea Level
APN	Assessor Parcel Number
ARB	California Air Resources Board
BAU	Business as Usual
BAT/BCT	Best Available Technologies/Best Conventional Technologies
BEPA	Bald Eagle Protection Act
BMPs	Best Management Practices
CAA	Clean Air Act
CAAAs	Clean Air Act Amendments
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
Cal EPPC	California Exotic Pest Plant Council
CAPs	criteria air pollutants
CASQA	California Stormwater Quality Association
CC&Rs	Covenants, Conditions, and Restrictions
CCAA	California Clean Air Act
CCAR	California Climate Action Registry
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CEC	California Energy Commission
CEQA	California Environmental Quality Act
cf	cubic feet
CFCs	chlorofluorocarbons
CFD	Community Finance District
CFP	California Fully Protected (species)
CFR	Code of Federal Regulations
cfs	cubic feet per second
CH <sub>4</sub>	methane
CIP	Capital Improvement Program

CMP	Congestion Management Plan
CMWD	Carlsbad Municipal Water District
CNCCP	California Natural Communities Conservation Plan
CNDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2e</sub>	carbon dioxide equivalent
CPUC	California Public Utilities Commission
CSC	California Department of Fish and Game species of special concern
CSSD	Carlsbad Sewer Service District
CUSD	Carlsbad Unified School District
CWA	Clean Water Act
cy/ac	cubic yards of grading per acre
dB	decibel
dBA	A-weighted decibel scale
DEH	San Diego County Department of Environmental Health
DEIR	Draft Environmental Impact Report
DFG	California Department of Fish and Game
DOT	United States Department of Transportation
du	dwelling unit
EFIG	Emission Factor and Inventory Group
EIR	Environmental Impact Report
EMF	electromagnetic fields
EMFAC	Emission Factors
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
ESP	Emergency Storage Project
EUSD	Encinitas Union School District
EWA	Encina Wastewater Authority
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIP	Federal Implementation Plan
FIRM	Flood Insurance Rate Map

FTA	Federal Transportation Administration
GHG	greenhouse gases
GMP	Growth Management Plan
gpd	gallons per day
gpm	gallons per minute
GRP	General Reporting Protocol
GVW	gross vehicle weight
GWP	Global Warming Potential
H&SC	California Health and Safety Code
HA	hydrologic area
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
HHW	Household Hazardous Waste
HMP	Carlsbad Habitat Management Plan
HMTA	Hazardous Materials Transportation Act
HR	House Resolution
HSA	hydrologic subarea
HU	hydrologic unit
HVAC	heating, ventilation, and air conditioning
I-5	Interstate 5
ICU	Intersection Capacity Utilization
in/sec	inches per second
IPCC	Intergovernmental Panel on Climate Change
ITE	Institute of Transportation Engineers, Border Section
kV	kilovolts
kwh	kilowatt hours
L	Local Shopping Center
LCFS	Low Carbon Fuel Standard
$L_{eq}$	Equivalent Continuous Noise Level
LFMP	Local Facilities Management Plan
LFMZ	Local Facilities Management Zone
LID	Low-Impact Development
LOS	Level of Service
LVW	loaded vehicle weight
LWD	Leucadia Wastewater District

MG	million gallons
mgd	million gallons per day
MHCP	Multiple Habitat Conservation Plan
MOU	Memorandum of Understanding
MP 149	La Costa Master Plan
MPH	miles per hour
MS4	Municipal Separate Storm Water Systems
MTCO <sub>2</sub>	metric tons of carbon dioxide
MTCO <sub>2e</sub>	metric tons of carbon dioxide equivalent
MWD	Metropolitan Water District
N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NCCP	Natural Communities Conservation Plan
NCTD	North County Transit District
NIEHS	National Institute of Environmental Health Sciences
NO <sub>2</sub>	nitrogen dioxide
NOI	Notice of Intent
NOP	Notice of Preparation
NO <sub>x</sub>	nitrogen oxide
NPDES	National Pollutant Discharge Elimination System
O	Office and Related Commercial
O <sub>3</sub>	ozone
OAQPS	Office of Air Quality and Planning Standards
OHWM	ordinary high water mark
OMSP	On-going Multi-Species Plan
OMWD	Olivenhain Municipal Water District
OPR	Office of Planning and Research
OS	Open Space
Pb	lead
PD	Planned Development
PM <sub>10</sub>	particulate matter less than 10 microns in diameter
PM <sub>2.5</sub>	particulate matter less than 2.5 microns in diameter
ppv	peak particle velocity
psi	pounds per square inch
RAQS	Regional Air Quality Strategy

RLM	Low-Medium Density Residential
RM	Medium Density Residential
RMH	Medium-High Density Residential
ROG	Reactive Organic Gas
RPW	Relatively Permanent Waters
RSPA	Research and Special Programs Administration
RTCIP	Regional Transportation Congestion Improvement Program
RWQCB	Regional Water Quality Control Board
SAM	Site Assessment and Mitigation Program
SANDAG	San Diego Association of Governments
SANTEC	San Diego Traffic Engineer's Council
SAR	Second Assessment Report
SB	Senate Bill
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SDCWA	San Diego County Water Authority
SDG&E	San Diego Gas & Electric
SDP	Site Development Plan
SDUHSD	San Dieguito Union High School District
SE	Southeast Quadrant
sf	square feet
SIP	State Implementation Plan
SO <sub>2</sub>	sulfur dioxide
SUSMP	Standard Urban Stormwater Mitigation Plan
SWMP	Storm Water Management Program
SWPPP	Storm Water Pollution Prevention Program
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TCM	Transportation Control Measure
TIF	Traffic Impact Fee
TMDL	Total Maximum Daily Load
TNW	Traditional Navigable Waters
URBEMIS	Urban Emissions Model
USACE	United States Army Corps of Engineers
USFWS	U. S. Fish and Wildlife Service

UST	Underground Storage Tank
UWMP	Urban Water Management Plan
V/C	volume to capacity
VMT	vehicle miles traveled
VOC	volatile organic compounds
VPH	vehicles per hour
VPHPL	vehicles per hour per lane
VWD	Vallecitos Water District
WQTR	Water Quality Technical Report
WSA	Water Supply Assessment